U. S. Department of Agriculty Bureau of Agricultural Economiss and

U. S. Department of Commerce Weather Bureau

Nebr. Deprin of Agr. & Inspection Division of Agr'l Statistics and

Agricultural Extension Service Of Nebr. College of Agr.

NEBRASKA WEEKLY WEATHER AND CROP REPORT

Released 4-4-50 - 11:00 A.M.

Week Ending 4-3-50

WEATHER Temperatures averaged slightly below normal. Windy and dusty weather prevailed in the first part of the period but in the northern part of the Panhandle and the extreme north central portion of the State locally heavy snowfall occurred, with a few places reporting 6 to 10 inches of snow. Precipitation was mostly light elsewhere and the week ended with rain changing to snow.

CROPS Despite the dry winter, wind and dust storms, winter wheat survived. Field inspection last week in South Platte counties, extending from the Missouri river west to the southern Panhandle revealed that winter wheat has greened up throughout this area with very little evidence of abandonment so far. A small area extending from the northern half of Dundy county through Chase and the southern half of Perkins county and a local area from Big Springs to Chappell is about the only area where the wheat crop shows some damage, from a combination of dry weather and wind. However, favorable moisture from now on should revive practically all of the wheat in these two spots. Damage consisted mostly of some "yellowing" of the underground crown, but the plants generally had a good root system and should recover with sufficient moisture. (Reports up to Monday afternoon indicated that area had received sufficient moisture to improve the wheat.)

Wheat got a good start last fall. The heavy rain that fell throughout the State October 11, followed by two months of favorable temperatures for growth, enabled the wheat to develop a splendid root system with ample top growth for protection, except for some of the late planted wheat. With the light moisture received during the winter from time to time, most of the surface soil had some moisture. Also periods of low temperatures were of short duration and the wheat apparently withstood the winter better than could be expected under the dry condition. In some spots, there was evidence of wind damage resulting in blownout wheat and a little covering by drifting soil, but the percentage for the State crop so affected is very small.

Winter barley in southwestern Nebraska winter killed badly. There was a little difference of opinion as to whother it winter killed, or whether it died after growth started this spring. Regardless, the leaves are brown and the underground crown yellowish and apparently dead. This was unfortunate because there is a large acreage apparently used to replace winter wheat.

The seeding of oats, which had been delayed throughout most of March, picked up last week in the southern counties. The southeast district reported 62% of the seeding done; south central district 42% completed and southwest district 32% of the oat seeding completed. Practically no seeding done in northeastern Nebraska because of wet soil. Some reports stated that the frost was not entirely out of the ground yet. About half of the spring wheat has been seeded.

The condition reports on alfalfa, wild hay and pasture outlook were very good, and the same applies to the winter wheat condition.

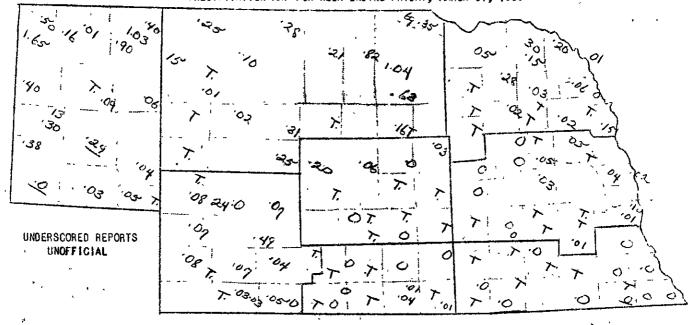
LIVESTOCK Many of the farmers were pasturing their winter wheat fields last week.

Moisture received the week ending Friday, improved range and pasture in extreme northwest and north central Nebraska. The moisture received this week will be of great benefit to pasture. A considerable number of cattle was observed in the farm feed lots. January and February shipments of cattle to country points showed a considerable increase over the same months a year earlier. Some of the weather of the past week was a little unfavorable for the calf and pig crops. The losses were about normal.

WEATHER BUREAU TELEGRAPHIC REPORT OF PRECIPITATION FOR THE WEEK ENDING APRIL 3, 1950

Eastern Division			Central Division		Western Division		
Grand Island	14	1500	Burwell	•37	Chadron	14	
Lincoln	•12	11 11 1	North Platte	•30	Hayes Center	.80	
Norfolk	•09	7-4-50	Valentine	0	Scottsbluff	.01	
Omaha	•02	I			Sidney	.49	
Sioux City	.01				•		

PRECIPITATION MAP FOR WEEK ENDING FRIDAY, MARCH 31, 1950



## HIGHEST AND LOWEST TEMPERATURES (FOR 24 HOURS ENDING 6:30 A.M.)

		MARCH				APR1L	-	
	Ĺ	28тн	29тн -	жт0\$	31st	IST	2 N D	3RD
		MAX MIN	MAX MIN	MAX MIN	MAX MIN	MAX MIN	MAX MIN	MAX MIN
NW .	CHADRON	40 20	36 <del></del>	45 12	67 32	52 24	69 37	44 30
	SCOTTSBLUFF	43 22	44 21	44 17	65 33	57 26	70 35	57 33
	SIDNEY 7 -	44 22	44 17	43 13	66 34	60 24	69 34	61 27
N <del>→</del> C	BURWELL	33 21	28 17	43 23	60 32	. <del></del>	55	55 31
•	· VALENTINE	27 19	26 16	40 23	60 31	48 24	64 40	48 28
NE	NORFOLK	35 25	28 20	36 25	59 41	60 28	50 40	58 33
	SIOUX CITY	38 28	30 19	36 25	56 34	61 · 31	50 38	58 34
CEN.	GRAND ISLAND	40 24	35 21	44 26	63 44	65 26 ′	55 46	64 36
E-C	LINCOLŃ	40 28	35 23	40 28	61 49	67 29	52 46	66 38
,	OMAHA	42 28 .	33 23	39 27	60 44	65 34	52 46	65 40
SW	HAYES CENTER	46 26	44, 20	, 48 22	67 40	65 29	70 41	67 35
+	NORTH PLATTE	38 25	37 25	49 20	65 33	62 29	66 40	60 33

(ISSUED BY THE WEATHER BUREAU AND THE STATE AND FEDERAL DEPARTMENTS OF AGRICULTURE)

U. S. DEPARTMENT OF AGRICULTURE 203 P. O. BLDG., BOX 1911 LINCOLN 1, NEBRASKA

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